

**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT IDENTIFIER:** Clearal 242

**OTHER IDENTIFIERS:** Microbiocidal bactericide, fungicide, algicide, and slimicide

**CHEMICAL CLASS:** Biocide

**DISTRIBUTED BY:** Chemstream, Inc.  
511 Railroad Ave  
Homer City, PA 15748

**PHONE NUMBERS:** Business – (724) 915-8388 (business hours)  
CHEMTREC - (800) 424-9300 (transportation emergencies)

**SECTION 2 - HAZARDS IDENTIFICATION**

**Hazard classification** Acute Toxicity: Oral, Category 4 Serious  
Eye Damage, Category 1 Skin  
Sensitization, Category 1 Aquatic  
Environment Toxicity: Acute, Category 2

**Signal word** Danger

**Hazard statements** Harmful if swallowed. Causes serious  
eye damage. May cause an allergic skin  
reaction. Toxic to aquatic life.

**Pictograms of Hazards**

**Precautionary statements****Prevention**

Wash skin thoroughly after handling. Do not eat, drink, or smoke when using this product. Wear protective gloves, protective clothing, eye protection, and face protection. Avoid breathing fumes, mist, vapors, or spray. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment.

**Response**

Rinse mouth. **IF SWALLOWED:** Contact a POISON CENTER or health care provider if you feel unwell. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately contact a POISON

CENTER or health care provider. IF ON SKIN: Wash with soap and water. If skin irritation or a rash occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

**Disposal**

Dispose of contents and container in accordance with local, state, and federal regulations.

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Component</u>	<u>%</u>	<u>CAS No.</u>
2,2-Dibromo-3-nitrilo-propionamide (DBNPA)	20	10222-01-2
Polyethylene glycol (PEG)	50	25322-68-3

**SECTION 4 - FIRST AID MEASURES**

<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally to ensure complete rinsing. Remove contact lenses if present and easy to do, then resume rinsing. Get medical attention immediately.
<b>Skin contact</b>	Remove contaminated clothing and wash the affected area with soap and water. Wash contaminated clothing before reuse.
<b>Ingestion</b>	If swallowed, DO NOT induce vomiting. Rinse mouth and get medical attention. Do not give anything by mouth unless instructed to do so by a poison center or health care provider.
<b>Inhalation</b>	If inhaled, move victim to fresh air. Seek emergency medical attention if breathing is difficult; perform artificial respiration if breathing stops.
<b>Note to health care provider</b>	Esophageal corrosion may contraindicate the use of gastric lavage and/or activated charcoal.

**SECTION 5 - FIRE FIGHTING MEASURES**

<b>Suitable extinguishing media</b>	Dry chemical, carbon dioxide, water spray
<b>Unsuitable extinguishing media</b>	No information available
<b>Protective equipment and precautions for firefighters</b>	Stay upwind of the fire. Full protective equipment including self-contained breathing apparatus should be used. Use water to cool closed containers. Contain water runoff if possible.
<b>Specific hazards</b>	Combustion may produce toxic gases.
<b>Hazardous combustion products</b>	Nitrogen oxides, hydrogen bromide, bromine

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**Personal precautions**

Evacuate the area of all non-essential personnel. Do not touch spilled material without proper protective equipment. Ventilate the area and mitigate further release if it is safe to do so. Avoid contact with eyes.

**Methods for clean-up**

**Small spills**

Contain spill and decontaminate with 10% sodium bicarbonate solution. Soak up with an inert absorbent material and place residues in a properly labeled container for disposal. Avoid discharge into sewer or surface water.

**Large spills**

Contain spill using trenches, diking, or absorption with an inert material (i.e. sand or earth). Reclaim spilled material into recovery or salvage drums or tank truck for proper disposal.

**SECTION 7 - HANDLING AND STORAGE**

**Advice on safe handling**

Avoid contact with eyes, skin, and clothing. Avoid breathing vapor or mist. Wash hands thoroughly after handling.

**Storage conditions**

Store in a cool, dry, well-ventilated area away from incompatible materials. Keep containers closed when not in use.

**Suitable materials of construction**

No information available

**Unsuitable materials of construction**

No information available

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Eye/face protection**

Chemical splash goggles

**Skin protection**

Chemical-resistant gloves and body-covering clothing

**Respiratory protection**

Observe published airborne exposure limits. NIOSH approved respirator should be used in accordance with OSHA respiratory protection requirements (29 CFR 1910.134).

**Engineering controls**

Adequate ventilation, eye-wash station, and emergency shower

**General hygiene considerations**

Do not eat, drink, or smoke while handling this product.

**Chemical Name**

2,2-Dibromo-3-nitrilo-propionamide (DBNPA)  
Polyethylene glycol (PEG)

**OSHA PEL**

None established  
None established

**ACGIH TLV**

None established  
None established





**RCRA status**

and local regulations. Do not discharge into sewer or surface water.  
Discarded product, as sold, would not be considered a RCRA Hazardous Waste.

**SECTION 15 - REGULATORY INFORMATION**

**OSHA Hazard Communication Status**

Acute Toxicity: Oral, Category 4 Serious  
Eye Damage, Category 1 Skin  
Sensitization, Category 1 Aquatic  
Environment Toxicity: Acute, Category 2  
88714-2-92757

**EPA Registration Number  
TSCA**

The ingredients of this product are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory

**CERCLA**

*EPA Hazardous Substances (40 CFR 302)*

**Chemical Name**

2,2-Dibromo-3-nitrilo-propionamide (DBNPA)  
Polyethylene glycol (PEG)

**Reportable Quantity (RQ)**

None  
None

*SARA Title III (Sections 302, 311, 312, and 313)*

*Section 302 Extremely Hazardous Substances (40 CFR 355)*

Chemical Name	CAS#	RQ	TPQ
None			

*Section 311 and 312 Health and Physical Hazards*

Immediate	Delayed	Fire	Pressure	Reactivity
Yes	No	No	No	No

*Section 313 Toxic Chemicals (40 CFR 372)*

Chemical Name	CAS Number	Percent by Weight
2,2-Dibromo-3-nitrilo-propionamide (DBNPA)	10222-01-2	20

**SECTION 16 - OTHER INFORMATION**

**HMIS Ratings**

**NFPA Ratings**

**HMIS/NFPA Rating Scale**

Health—2; Flammability—1; Reactivity—0  
Health—2; Flammability—1; Reactivity—0  
Minimal—0; Slight—1; Moderate—2;  
Serious—3; Severe—4

PREPARATION DATE: May 1, 2017

SUPERCEDES: New SDS

REASON FOR REVISION: N/A

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